

FIG. 1

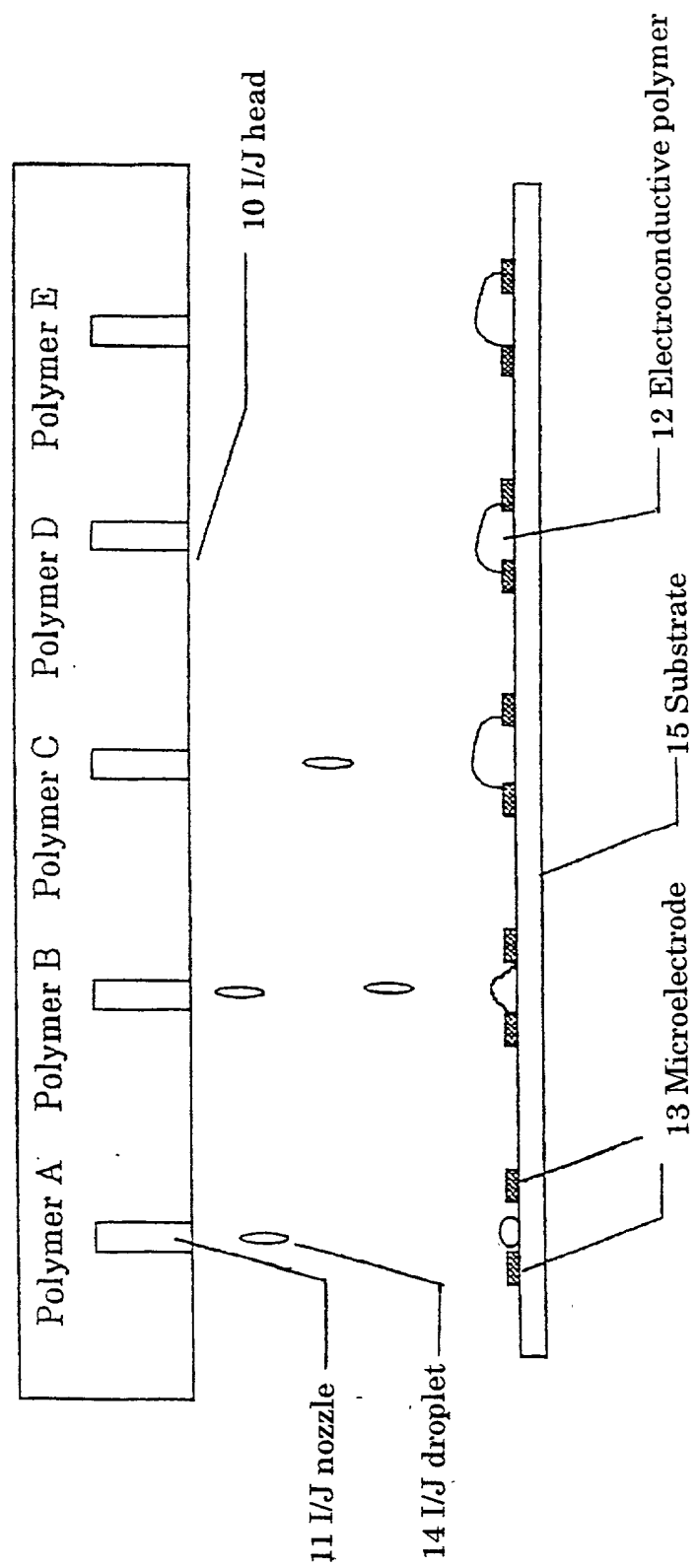


FIG. 2

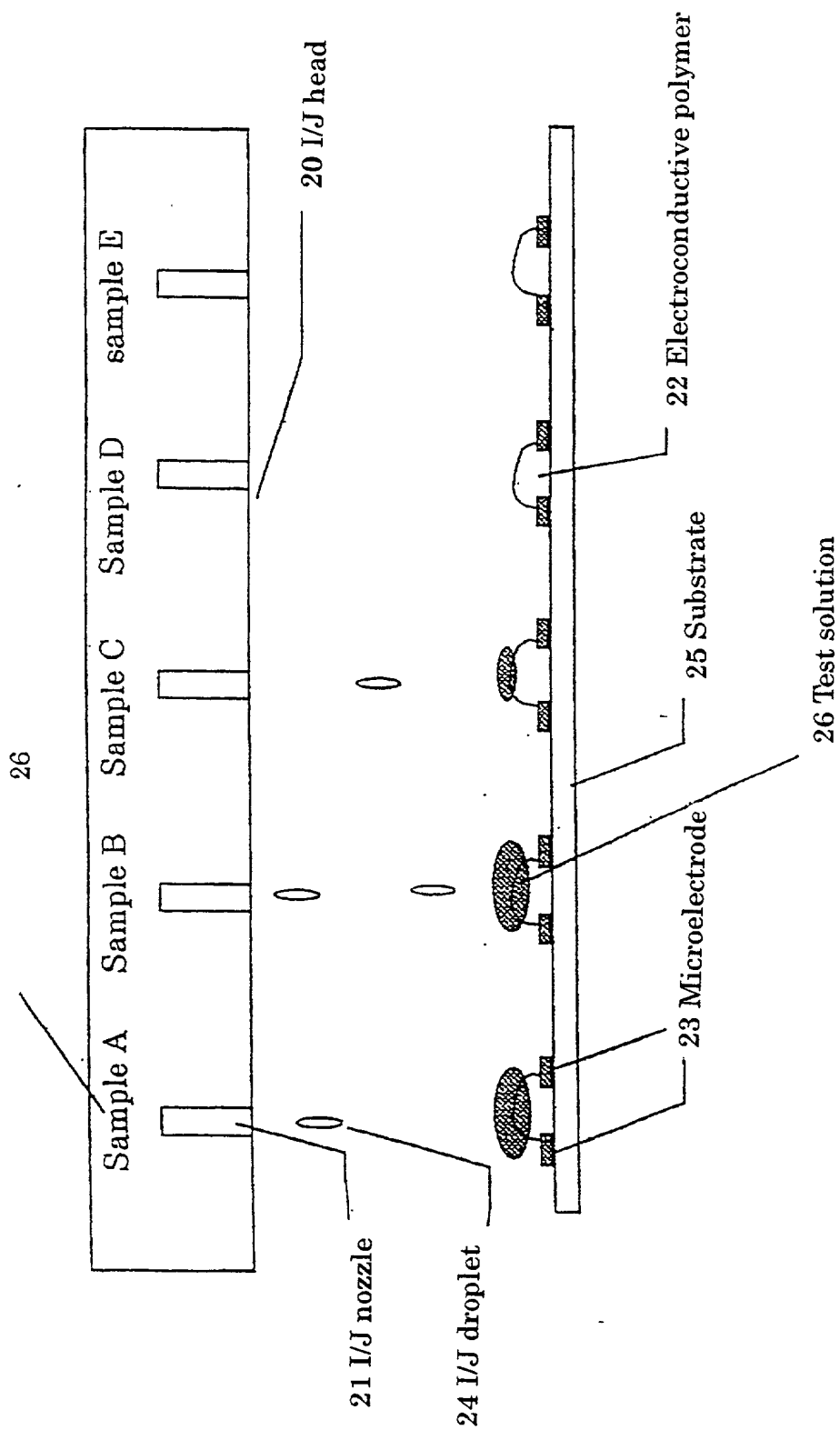


FIG. 3

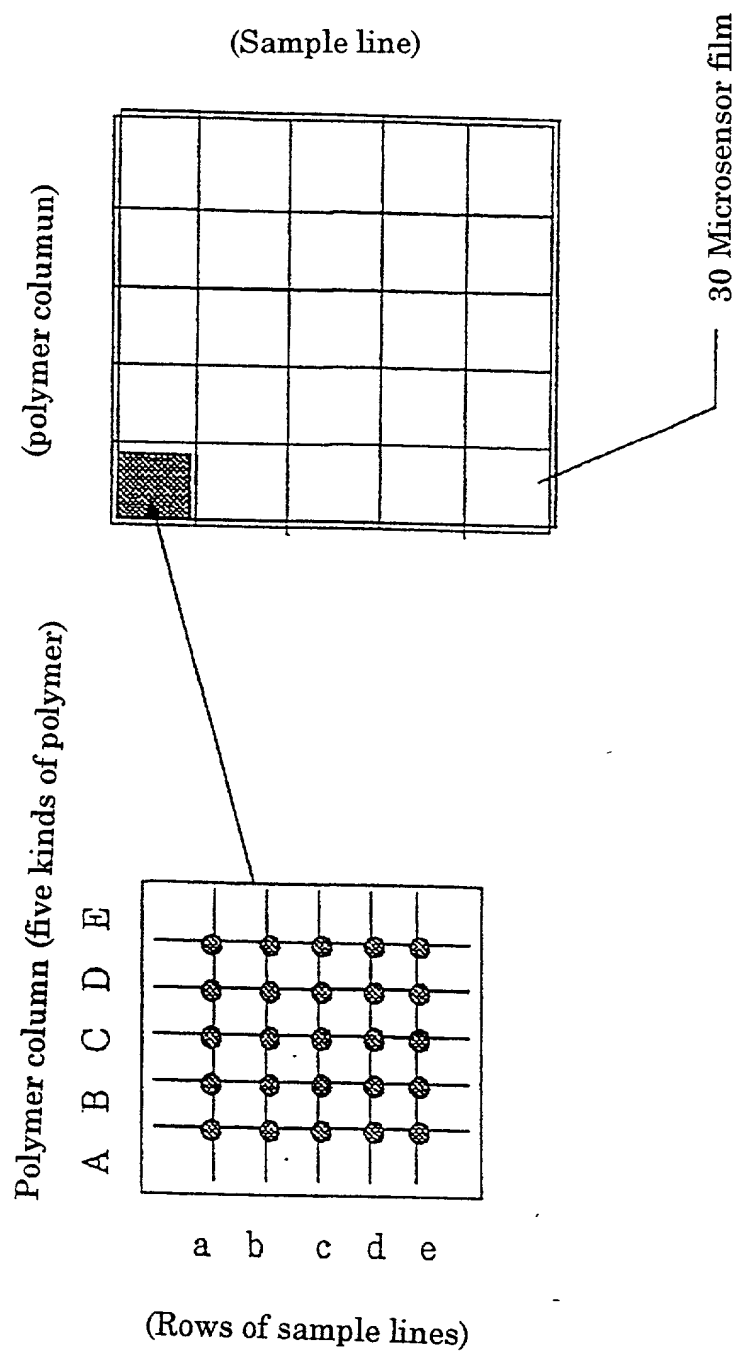


FIG. 4

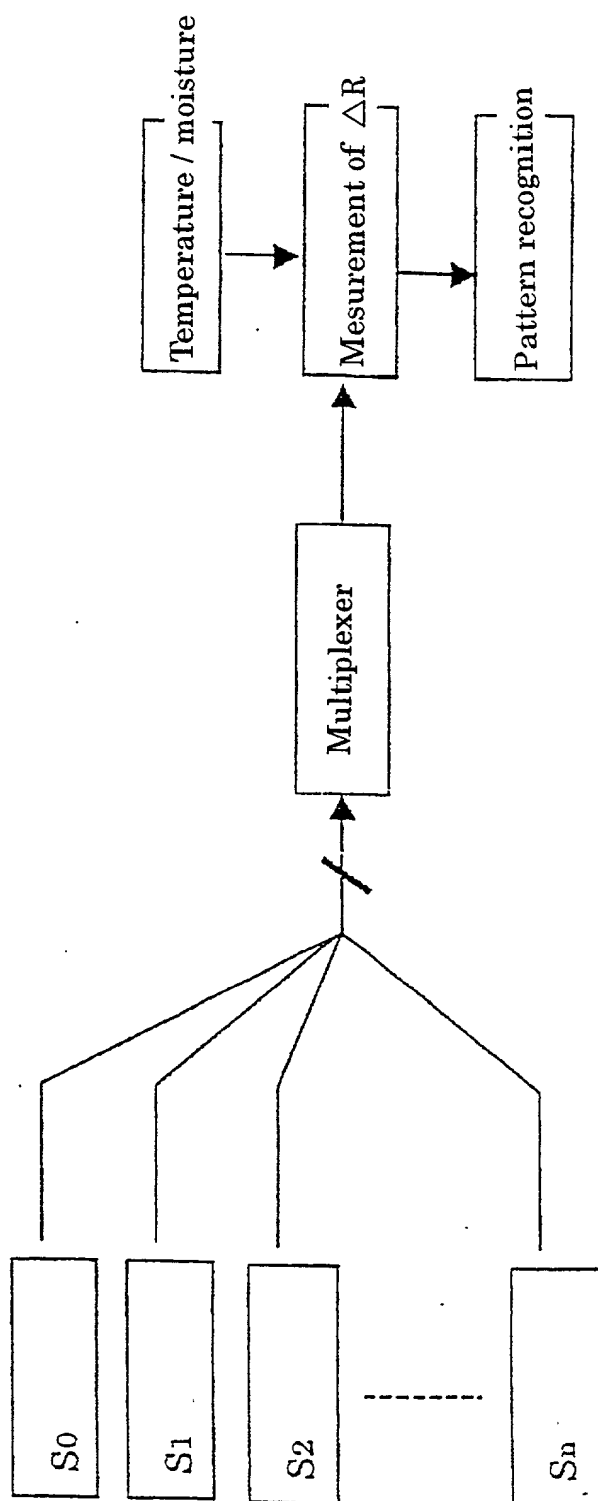
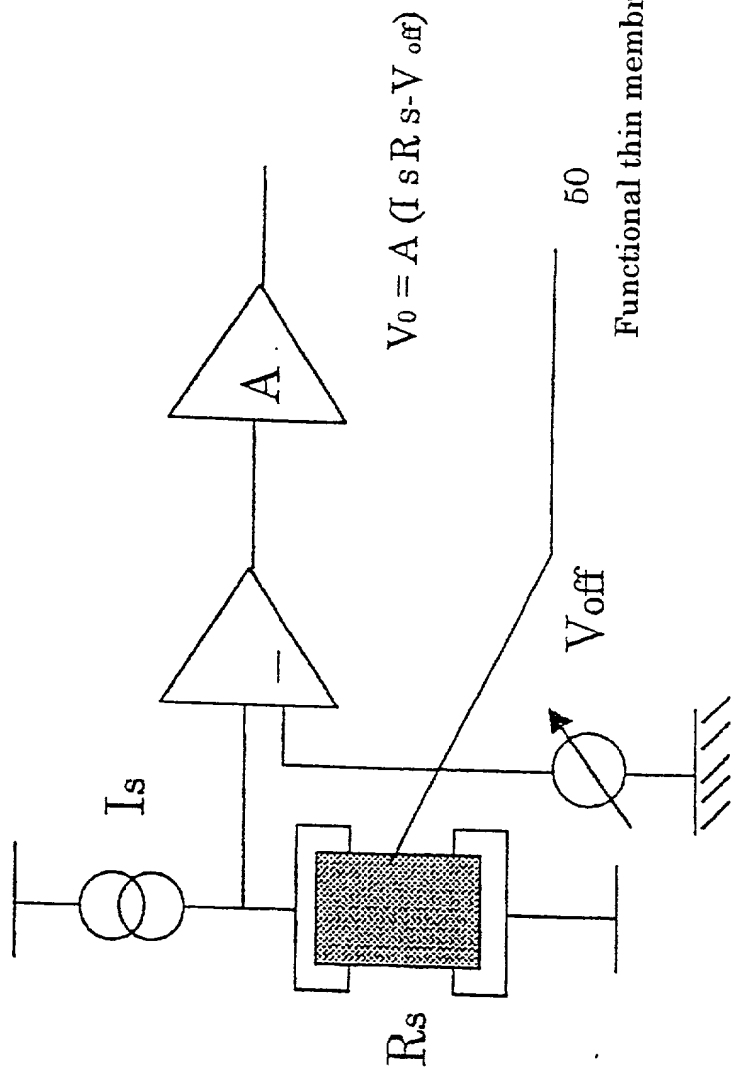


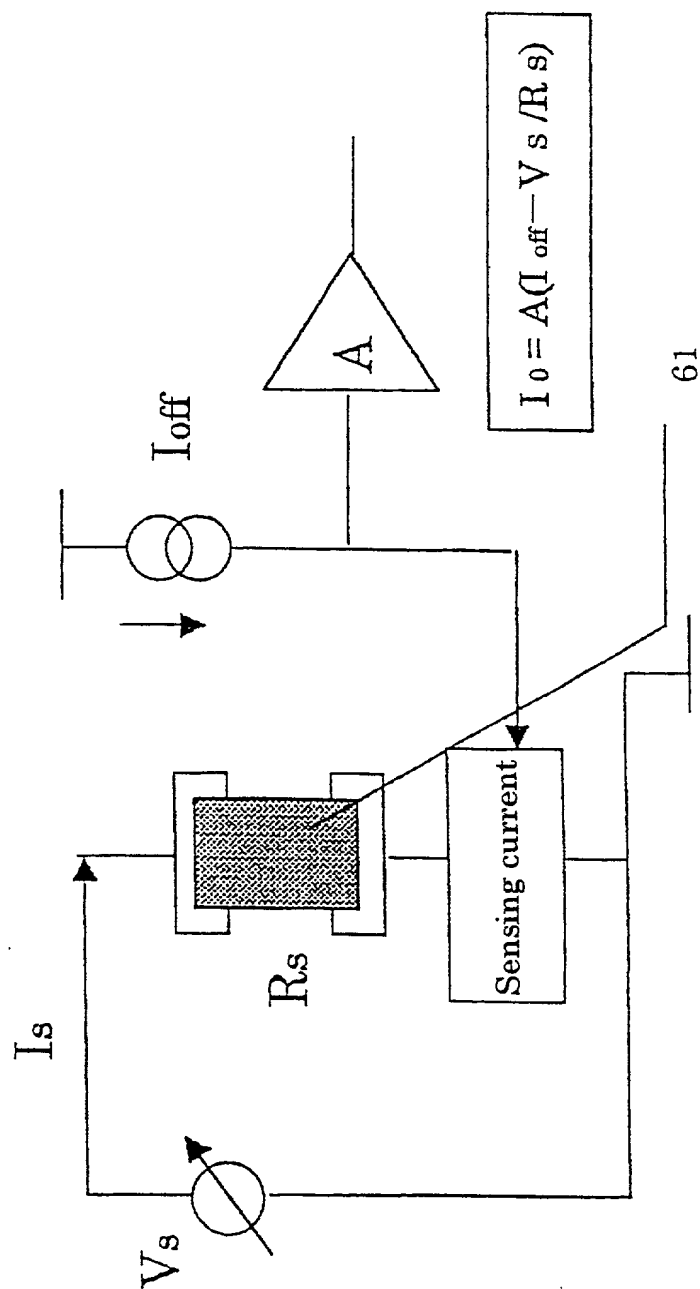
FIG. 5



Functional thin membrane for detection

50

FIG. 6



Functional thin membrane for detection

FIG. 7

